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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
NARDONE et al.

Serial No.: 09/985,879
Filed: 11/6/01

Group: 2176
Examiner: QUOC, Tran A.
Atty. Docket: 20-559

Title: SYSTEM FOR A CONFIGURABLE OPEN DATABASE CONNECTIVITY CONDUIT

RESPONSE

Date: April 18, 2007

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313

Further to the Notice of Non-Compliant Appeal Brief mailed April 11, 2007 for the above identified application, attached hereto is a corrected summary of the claimed subject matter of the Appeal Brief originally filed December 20, 2006 as required by 37 CFR 41.37 (c) (1) (v) wherein the claimed invention is now mapped to independent claims 1, 12, 19, 30, 41, 46, 50 and 54 referring to the specification by page, line number and drawings as requested.

If you need anything further, please contact me.

Respectfully submitted,



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(5) SUMMARY OF THE CLAIMED SUBJECT MATTER



It is generally known that remote devices execute applications that may be intermittently interfaced with a corresponding application on an enterprise server (or a local personal computer, workstation, or other similar workstation). In this type of situation, a conventional synchronization program may be utilized to ensure that the data contained on the remote device is updated with any changes to data on the enterprise server, with the converse also being true.

The synchronization program typically invokes a conduit to perform the actual data manipulation of each database to be synchronized. The creation of conduits typically requires extensive programming knowledge and experience on the part of the developer. A typical developer needs to know the database formats on both platforms and be able to write programming code to map fields from one database to another database.

Applicants' invention overcomes the deficiencies in the prior art associated with how a conduit is created. In particular, Applicants' invention uses a graphical user interface based system and method in a creation of a conduit that greatly simplifies the creation. The cited prior art fails to disclose any details as to how a conduit is created, much less disclose or suggest use of a graphical user interface in the creation of a conduit.

Applicants disclose a method, apparatus and storage medium on which is embedded one or more programs for creating conduits 116 for synchronizations, as recited by claims 1, 19 and 30, and illustrated in Figures 1-5, comprising generating a first graphical user interface at, e.g., page 7, lines 1-7. The method provides for selecting a first database 112a and a second database 112b on the first graphical user interface at, e.g., page 7, lines 1-4. Mapping is performed on at least one field of the first database 112a to a corresponding field of the second database 112b in a map file 230 at, e.g., page 7, lines 11-13. The conduit 116 is programmed with the map file 230 at, e.g. page 7, lines 5-7. The conduit 116 is executed with the map file 230 in response to a synchronization request, with the conduit 116 providing synchronization rules 425 from the map



file 230,450 for the first database 112a and the second database 112b at, e.g., page 7, lines 8-16.

Applicants disclose a method of synchronizing databases, as recited by claim 12, and illustrated in Figures 2-3, comprising configuring a conduit 116 with a graphical user interface to synchronize a first database 112a and a second database 112b at, e.g., page 7, lines 1-4. A synchronization request is initiated, with the first database 112a and the second database 112b being synchronized according to the conduit 116 in response to the synchronization request at, e.g., page 7, lines 6-7.

Applicants disclose a conduit for synchronization, as recited by claim 41, comprising a plurality of mapping files 305 associated with a plurality of databases 112 at, e.g., page 7, lines 11-13 and illustrated in Figure 3B. A configurable conduit 116 is programmed with a graphical user interface to synchronize said each database 112 of the plurality of databases 112 according to a respective mapping file 305 of the plurality of mapping files 305 at, e.g., page 7, lines 1-4.

Applicants disclose a method and system for creating a conduit 116 to synchronize a first database 112a and a second database 112b, as recited by claims 46, 50 and 54, comprising selection a first database 112a and a second database 112b on a graphical user interface at, e.g., page 7, lines 1-4. The conduit 116 is generated based on the step of selecting the first database 112a and the second database 112b on the graphical user interface at, e.g., page 7, lines 1-13, wherein the steps are illustrated in Figures 6-8.